

**THE**  
**COMPLETE CATALOG OF**  
**AMAZING and**  
**FASCINATING**  
**devices**

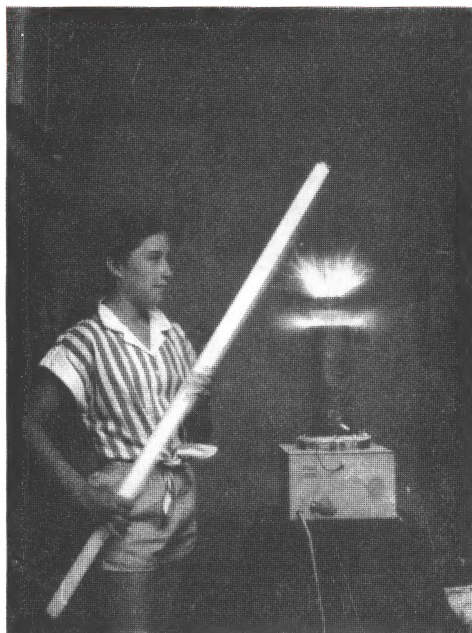




**INFORMATION UNLIMITED, INC.**, is a New Hampshire Corporation formed in 1974, solely for the development of scientific and electronic products and devices. The Company holds many patents on items ranging from consumer products such as electronic insect killers to military and weapons development in the fields of infrared, ultrasonic, magnetic and high energy research. **INFORMATION UNLIMITED, INC.**, is constantly engaged in research and development pertaining to new devices and concepts that often develop into useful and popular products. Some are made accessible to the public as do-it-yourself projects, many of which in completed form would not be available. Often our ideas and innovations are not feasible for direct marketing due to laws, approvals, etc., and therefore find their way into our catalog as only plans and kits.

**OUR CATALOG** offers products kits and plans and completed units on many impossible to find, useful and interesting items. Plans data is intended for the home builder or hobbyist with a minimum of experience. Several items are produced by companies under our own patent licenses, being featured in national and worldwide periodicals. **OUR PATENTS ARE AVAILABLE FOR LICENSING TO COMPANIES, BOTH LARGE AND SMALL AND WE WELCOME ALL INQUIRIES.**

**Our experienced staff and modern equipped labs have developed many new products. Ask about our many research and development services.**



**OUR BTC3 TELSA COIL IN ACTION**

**ACTIVE CUSTOMERS** will automatically receive updated catalogs at no cost.

**CONSTRUCTION PLANS** include step-by-step instructions, applications data, device and circuit descriptions, parts list, sources of parts, schematics, all necessary drawings, test procedures and applications data to produce a working device.

It is suggested that customers who desire more extensive information on a product or kit purchase only the plans initially as they may be credited towards a future purchase of the particular item in question.

**KITS INCLUDE PLANS** and carry the following special offer: To newcomers in the construction of these project, we offer the service of our staff technicians to those desiring extra help. Just drop us a line or call direct to our **LAB TECHNICIANS DURING THE HOURS OF 9-11 AM, EST Mon.-Thurs.**

Most of our kits contain **PC boards**.

**OUR BUILDER ASSISTANCE PROGRAM** provides assemblies for use as models. These are limited and are obtained by Special Request from the factory.

**ASSEMBLED & TESTED UNITS** are manufactured by experienced technicians and are guaranteed for all parts and workmanship for a period of 30 days from the date of purchase.

**A DISCOUNT POLICY** of 10% is allowed on purchase of paper plans only when total plans order is \$25.00 or more. Further discounts are volume related and must be negotiated with the factory.

**DEALER INFORMATION PACKS** are available upon proper request.

**OUR ORDERING PROCEDURE** allows you to order either by mail or by telephone. Call 1-603-673-4730 any time 24 hours a day, 365 days per year and order both by item name and number. When ordering by mail use the order blanks provided or specify order clearly on a piece of paper.

**TERMS:** We accept cash, check, money order, Visa, MasterCard or COD. Foreign customers please use draft drawn in U.S. currency. Please contact us if you have any special instructions.

**SHIPPING** of most items within the U.S. are within 3 days from ordering. Please add 10% on all orders up to \$50.00. We pay additional freight on large orders except COD charges.

**FOREIGN ORDERS.** Please add 25% shipping on orders up to \$100.00. Excess shipping charges may be reimbursed via credit or cash refunds. Please contact us for larger orders. Sorry no COD's out of the U.S.

All returned merchandise is subject to a 15% restocking charge unless item is operationally defective. Sorry, but we cannot allow any return of paper plans or partially assembled kits. We will accept returned goods up to 30 days from date of purchase. Call or write for return good authorization number before returning merchandise.

**WARNING AND DISCLAIMER.** These plans, kits and products may involve the use of materials and substances that are hazardous to health and life. Do not attempt to implement or utilize the information contained herein unless you are experienced. Although all possible measures have been taken to ensure the accuracy of the information presented, neither Information Unlimited (the company) or any member of its staff is liable to damages or injuries, misinterpretation of directions, or misapplication of information.

## LASERS AND RELATED ITEMS

### SIMPLE LASER DEVICES

THESE ITEMS ARE INTENDED FOR THE BEGINNING LASER ENTHUSIAST. WHILE THEY ARE SIMPLE AND SAFE THEY STILL CAN PERFORM USEFUL FUNCTIONS IN MANY APPLICATIONS AS WELL AS BEING SUITABLE FOR THE NEWCOMER TO THIS FASCINATING FIELD.

**LHC2 — VISIBLE SIMULATED CONTINUOUS BEAM LASER** — produces a good monochromatic source of either red, green, yellow or invisible infrared light. Cylindrical construction contains simple optics and encloses battery pack providing a completed self-contained system.

LHC2	PLANS	\$ 5.00
LHC2K	KIT WITH RED/YEL/GRN EMITTER	\$34.50
LHC20	ASSEMBLED WITH EMITTER OF YOUR CHOICE	\$44.50

**LHP2 — VISIBLE SIMULATED PULSED LASER** — similar to above but provides an adjustable pulse rep rate for strobing, special effects, or longer range use with detectors such as our #LLD1.

LHP2	PLANS	\$ 6.00
LHP2K	KIT WITH RED/YEL/GRN EMITTER	\$49.50
LHP20	ASSEMBLED WITH EMITTER OF YOUR CHOICE	\$64.50

**LLD1 — LASER LIGHT DETECTOR/CONTROLLER UNIT** — senses light from above devices and allows user to control anything electrical via light beam. Unit contains threshold control, actuation indicating lamp and special jack for allowing plugging in our HS1 headsets and listening to periodic sources of light such as TV screens, scopes or actual communication from our LBT1 Light Beam Communicator. Works excellent as an optical control link when used with our LHP2 Pulsed Laser. Good low frequency response.

LLD1	PLANS	\$ 7.00
LLD1K	KIT	\$49.50
LLD10	ASSEMBLED & TESTED	\$64.50

**SSL3 — PORTABLE LOW POWERED PULSED LASER** — produces moderate powered pulse (5-14 watts) of infrared energy 9000A capable of being projected over long distances. May be used for long-range optical link, target designations, simulated weapons fire, intrusion detection systems, etc., includes power pack and optics. THIS IS A CLASS IIIB PRODUCT.

SSL3	PLANS	\$ 7.00
SSL3K	KIT WITHOUT LASER DIODE	\$129.50
SSL30	ASSEMBLED UNIT FOR LABORATORY USE AVAILABLE ON SPECIAL REQUEST	

**LCA1 — LASER COURSE** — Intended for the enthusiast who wishes to introduce himself to this space age technology. Consists of a 55 minute tape that narrates (33) 35mm slides Course also includes your choice of two laser plans listed in this catalog.

LCA1	LASER COURSE SPECIFY SLIDES/PHOTOS AND CHOICE OF PLANS	\$49.50
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### INTERMEDIATE LASER DEVICES

**LRG3 — LASER RIFLE/PISTOL DEVICE** — device is shown built in a pistol or rifle configuration or can be built to suit the individual user's needs. Unit is cylindrical and houses power pack, battery, controls and preliminary optics. Produces either a single shot or a continuous adjustable frequency of 100-2000 shots per second cyclic rate. Peak power can be between 7-35 watts depending on choice of laser diode. Output is a relatively tight beam of 9000A energy. Laser is a CLASS IIIB DEVICE when constructed and should be labeled accordingly.

LRG3	PLANS	\$ 10.00
LRG3K	KIT OF ABOVE PARTS MINUS DIODE	\$129.50
LRG30E	ASSEMBLED ELECTRONICS WITH MECHANICAL/OPTICAL PARTS AND DIODE OF YOUR CHOICE FOR LABORATORY USE. AVAILABLE BY SPECIAL REQUEST.	

**LASER DIODES** — for above devices and other applications for the laboratory or hobbyist. These are brand new and tested. They are not surplus, rejects, etc.

LD740	4-6 WATT 40 AMP THRESHOLD	\$14.50
LD660	10-14 WATT 40 AMP THRESHOLD	\$19.50
LD780	20-25 WATT 40 AMP THRESHOLD	\$49.50
LD1630	30-35 WATT 40 AMP THRESHOLD	\$129.50

Sorry, but due to the nature of these devices all sales of laser diodes are final. Claim of defects will be carefully studied before replacing.

**LDT1 — LASER TARGET INDICATOR** — this simple device is intended to be used in conjunction with our LGU3 or LHP2 Laser Light Gun and gives an audible indication of when the beam is on the target. This combination provides an excellent means of practicing handgun steadiness, instinctive pointing of auto weapons, shotguns or can be used as an electronic shooting gallery. Several police departments are using these systems for trainings of their SWAT teams. Target area face is adjustable to compensate for shooting distance. May also be used for optically triggering any electrical device.

LDT1	PLANS	\$ 5.00
LDT1K	KIT	\$34.50
LDT10	ASSEMBLED & TESTED BY SPECIAL REQUEST	

**LBT1 — LIGHT BEAM COMMUNICATIONS TRANSCIVER** — as featured in Nov/Dec 1980 Elementary Electronics, allows crystal clear two-way communication of music or voice up to a line of sight distance (when properly aligned distance will be in excess of many Km.). Units are easily hand-held with pistol type grip for sighting when used for short range use. Separate receiver and transmitter optical system allows receiver to be used alone for listening to other sources of light. Units are self-contained with batteries neatly fitting into hand-grip. All controls and microphone are mounted on rear panel. These are highly functional useful devices when properly assembled and are available in either visible red or invisible IR.

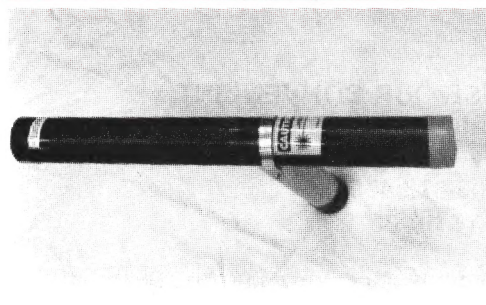
#### GREAT SCIENCE FAIR PROJECT

LBT1	PLANS	\$ 10.00
LBT1K	KIT	\$139.50

**SPECIAL NOTICE: WE HAVE BEEN INFORMED THAT WE MUST REPLACE THE INSTRUCTIONS TO THE LASER DIODE PRODUCTS SOLD PRIOR TO APRIL OF 1984 DUE TO NON-COMPLIANCE WITH THE FEDERAL LASER STANDARD 21 CFR 1040.10. PLEASE RETURN THE PLANS WITH PROOF OF PURCHASE FOR CORRECTED REPLACEMENT AT NO COST TO YOU.**

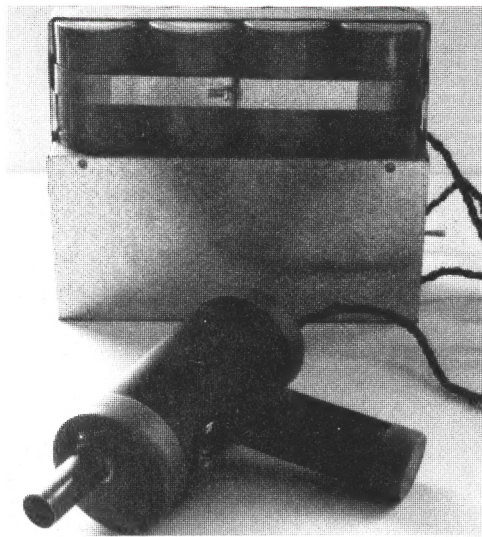
**LGU3 — ALL NEW MINIATURE GAS LASER LIGHT GUN** — produces a bright visible red beam of light capable of illuminating low level clouds. Laser output energy is equivalent in color temperature to many millions of degrees Kelvin. Beam spread is in the milliradians owing to the excellent temporal and spatial coherence characteristic of this light. Unit is built in a gun configuration with the handle section housing the rechargeable batteries. Operation simply involves pressing the "on button." Device includes an X10 collimator extending its range out to several thousand meters and more. This laser can make a great weapons sight or be used for any other application where a complete portable self-contained system is desired. Great for leveling and surveying. Class II Device.

LGU3	PLANS	\$ 10.00
LGU3K	KIT (minus laser tube)	\$129.50
LGU30	ASSEMBLED & TESTED UNIT (with laser tube)	\$315.00





## HIGHER POWERED BURNING LASERS



**RUB3 — PORTABLE RUBY/YAG LASER RAY SYSTEM** — now at last a portable hand carried completely self-contained laser system capable of **blowing holes** in hardened metals and generating temperature capable of **vaporizing** many materials. Basic unit utilizes our dual flash lamp optical pump producing in excess of **900 joules**. Unique **solid-state ferrite** power supply efficiently converts the energy in a 12-volt battery to the high 1800 volts required for the dual energy storage banks. A common inductor shapes the discharge pulse for the parameters of the flash lamps. Flash lamps are triggered by our own special ignitor circuit simultaneously for maximum cavity transfer efficiency. Laser output exceed 1/2 joules at 6493A and is complete portable. **CLASS IV LASER.**

ALL parts for the above plans are sourced with supplier's name, telephone number and present cost to allow the builder to complete this device.

RUB3 LASER PLANS ..... \$ 15.00  
RUB3K KIT OF POWER SUPPLY/LASER HEAD ..... \$399.50

### ASSEMBLED UNITS AVAILABLE ON REQUEST

**LC5 — BURNING CUTTING CO<sub>2</sub> LASER** — generates up to 50 watts of continuous energy capable of **burning, cutting, drilling** or other similar functions. Beam spread is in the milli-radians with all lines and modes active. Laser is stable and reliable and is capable of many moderate powered laboratory and industrial applications. Construction is simple and requires no special machinery techniques. Cooling is accomplished by our own unique and simple method. System is shown built in two sections. Laser head and power supply with parts and pieces readily available through us or other sources. We also can supply the plasma discharge tube completely assembled with electrodes. **CLASS IV LASER.**

ALL parts including discharge tube for total elimination of glass blowing are sourced with supplier's name, telephone number and present cost to allow the builder to complete this device.

LC5 CO<sub>2</sub> LASER PLANS ..... \$ 15.00  
LC5CH LASER HEAD ASSEMBLED ..... \$749.50  
LC5CP LASER POWER SUPPLY ..... \$549.50

### CUSTOM BUILT SYSTEM AVAILABLE ON REQUEST

**LC3 — CO<sub>2</sub> BURNING LASER SIMILAR TO ABOVE BUT LESS COSTLY APPROACH** — shows how to build a relatively high powered laser from homemade parts. Eliminates glass blowing and shows many readily available substitutes for the equipment necessary. Great for a science fair project.

LC3 PLANS (Less costly approach) ..... \$10.00

## LASER PLANS ONLY AND ACCESSORIES

**LAG1 — ARGON LASER** — Plans show how to build the amazing devices that produce the highly visible multi-colored beams of light used in **light shows, rock concerts, cloud writing**, etc. Different colored beams are possible by selective tuning using an optical prism. This completed laser will work well with our **LLS1, LASER LIGHT SHOW PLANS.**

LAG1 PLANS ..... \$10.00

**DYE1 — TUNABLE DYE LASER** — These fascinating laboratory, visible light lasers are truly amazing. Plans show how to construct these devices that will provide the builder with a well worthwhile device capable of generating pencil-thin beams of **variable colored light** that can be projected for miles!

DYE1 PLANS ..... \$10.00

**LN1 — NITROGEN LASER** — Now at last a simple, economical gas laser operating in the UV range at 337nm. Pulsed power to **100Kw** at adjustable repetition rate up to 120 pulses per second. This device is truly a simple system to construct for the result obtained. All parts are thoroughly detailed with sources given for all parts. Great for exciting the Dye Laser **DYE1.**

LN1 PLANS ..... \$10.00

**LLS1 — LASER LIGHT SHOWS** — Plans include detailed drawings, parts lists, and all information to create a light show with excellent results. Three methods are included: **Laser Diffractor System** producing highly detailed flowing abstract patterns, **Sound to Shape Scanner** producing lissajous figure of frequencies varying with the music source, and **Laser Spirograph System** producing these familiar type patterns. Use with our **HNE1, :AG1 or LGU3.**

LLS1 PLANS ..... \$6.00

**IRP1 — INFRARED INDICATOR** — This useful device produces visible light from infrared and is a must for anyone experimenting with IR. It is truly a super hand tool to have and is virtually indestructible for it **never wears out!** Normal cost to the government was about **\$35.00** each for these indicators.

IRP1 EACH ..... \$10.00

**HNE10 — HELIUM NEON LASER** — all new visible beam, **HELIUM NEON LASER** with power output of up to 1mw. Device is ready to plug in and use for optically aligning more advanced systems, special effects, holography, low altitude cloud illuminating, optical studies, non-destructive testing, simulated weapons fire, laser gun sighting, seismic research, construction of tunnels, trench cutting, pipe laying, interferometry, intrusion detection and many more uses. This laser has sealed in mirrors with a **ten year** guaranteed shelf life.

HNE10 ASSEMBLED UNIT ..... \$324.50

**LTO5R — HELIUM NEON LASER TUBE** — Produces 1mw of intense visible red light at 6328A. Small size allows use in 1 1/2" aluminum tubing. Rugged construction includes built-in sealed mirrors; will not become misaligned. Tube operates on 110 volts at 5ma and is easily triggered. Suitable for use with our **LGU3-LASER LIGHT GUN** or many other similar applications.

LTO5R TUBE ..... \$175.00

**L13 — LASER INFORMATION LIST** — We have put together a complete listing of all manufacturers of lasers and accessory equipment, everything from the smallest diode to a multi-million watt pulse laser!

L13 LIST ..... \$5.00

**USE OUR CONVENIENT  
PHONE ORDER SERVICE**  
by calling  
**603-673-4730**  
any time!



**Order by Model Number and Description**



## LASER ACCESSORIES (Continued)

**HPS1 — HAND-HELD MEDIUM ENERGY CAPACITOR CHARGER/INTEGRATOR** — device is the size of a pack of cigarettes and encloses a rechargeable battery and energy indicating lamps. Develops up to 700 volts of current pulses capable of charging **medium energy capacitor banks** of up to 500 joules for lasers, flash lamps, spot welding, **exploding wires**, magnetizing portable laser **weapons** and other applications where medium pulse energy is required. Also can be used for electrifying objects or areas against animal intrusion shocking and stunning fish and driving worms out of the ground. Use with our capacitors HLC1 and HML1.

HPS1	PLANS include three circuit designs	\$ 6.00
HPS3K	KIT 300V Adjustable current	\$39.50
HPS30	ASSEMBLED & TESTED	\$49.50
HPS7CK	KIT 700V continuous	\$39.50
HPS70	ASSEMBLED & TESTED	\$49.50
HPS7PK	KIT 700V pulsed	\$39.50
HPS7PO	ASSEMBLED & TESTED	\$49.50

**CVL1 — COPPER VAPOR LASER** — Produces 100mw beam of visible green light. High coherency and spectral quality similar to Argon Laser but easier and less costly to build yet far more efficient. This particular design was developed at the Atomic Energy Commission of NEGEV in Israel.

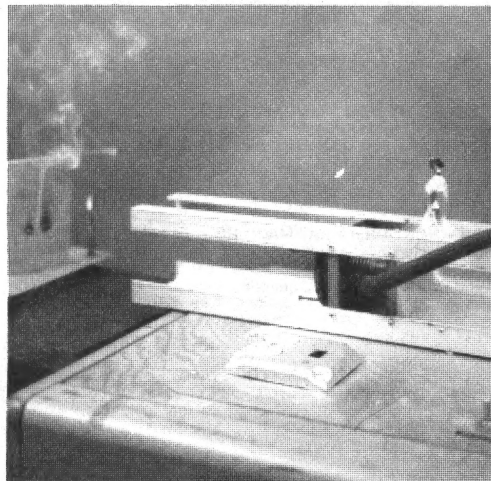
CVL1	PLANS	\$15.00
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**HEG1 — PORTABLE HIGH ENERGY SOURCE** — Produces megawatt pulses of electrical energy capable of **EXPLODING WIRES**, creating **SHOCK AND BLAST WAVES**, **SPOT WELDING**, etc. Classified R&D using water to generate hyper velocities, EMP generation, plasma and pulsed magnetics. **CAUTION — THESE ARE HAZARDOUS ELECTRICAL DEVICES INTENDED FOR LAB USE ONLY.**

HEG1	PLANS 450 JOULES	\$ 15.00
HEG1K	KIT ABOVE	\$299.50
HKP1	PLANS 100 JOULES (SMALLER UNIT)	\$ 10.00
HKP1K	KIT ABOVE	\$ 89.50

## LASER PRODUCTS SOON TO BE AVAILABLE

1. Chemical Lasers
2. High Powered Transverse Flow CO<sub>2</sub> Laser. 500-1000 Watt.
3. Mercury Laser Visible Red.
4. Argon Laser Tube 100mw.



GAS LASER SYSTEM

## SCIENTIFIC/ELECTRONIC DEVICES

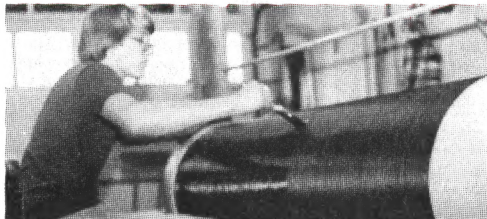
### HIGH VOLTAGES, PLASMAS AND POWER SUPPLIES

**TCL3 — UNIVERSAL SOLID STATE TESLA COIL** — is quiet and operates from either a 12-volt battery or 115 VAC. Tremendous high frequency, high voltage effects similar to our BTC3 series. Economy design satisfies even the most demanding experimenter. Relatively safe for the beginner. **GREAT FOR MAGIC SHOWS, SPECIAL EFFECTS, SCIENCE FAIR PROJECTS AND PLASMA DISPLAYS.**

TCL3	PLANS	\$ 7.00
TCL3K	KIT	\$54.50
TCL30	ASSEMBLED & TESTED UNIT	\$74.50

**BTC3 — EASY TO BUILD TESLA COIL** — Plans show how to construct a high voltage high frequency, source of electrical power capable of producing weird and bizarre effects on certain materials causing them to **glow, disintegrate, burn, etc.**, when exposed to this energy. This amazing device will cause a regular household fluorescent lamp to light at a considerable distance **without any connecting wires**. The operator can demonstrate high voltage, high frequency electricity jumping from the output terminal to his hand while securely grasping a conductive object creating quite a conversation piece. Many spectacular experiments are possible with this device. It is built with flexible adjustments for the experimenter who wishes to explore the effect of these different settings and values. Care should be taken with this device as with any other high voltage apparatus. The unit also can be used for exciting all type of **gas discharge tubes, X-ray tubes, plucker tubes, etc.** It demonstrates **corona, St. Elmo's Fire** and effect of high voltage, high frequency on many different types of materials. On a good dry day with the device properly adjusted, it is possible to produce **sparks 10" to 14" in length.**

BTC3	PLANS	\$ 10.00
BTC3K	KIT	\$139.50
BTC30	ASSEMBLED & TESTED UNIT	\$179.50



BTC5 COIL BEING VARNISHED

**BTC5 — TESLA COIL** — Ideal for special effects, advertising, attention-getting, advanced laboratory studies, and the hobbyist familiar with the use of high voltage. Unit stands about 5 feet high when complete and produces **4 to 5 foot sparks.**

BTC5	PLANS 1 million volts	\$15.00
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**BTC7 — TESLA COIL — SOON TO BE AVAILABLE** — Advanced laboratory source generating **4 million volts of crashing lightning bolts of energy.** This is an advanced project intended for the serious tesla coil enthusiasts. It requires high overhead space if used inside with power requirements of 220-volts at 50 amps. Finished unit stands about 12 feet high and produces **15 to 20 foot sparks.**

**BTC7 PLANS . . . . . WRITE FOR PRICE & AVAILABILITY**

### WARNING — CAUTION

**TESLA COIL-ENERTRON SERIES** — Please note that the two above devices are high energy electrical and therefore require **caution** in operation. Even though the output of the secondary circuits does not have the shocking capability that the equivalent energy at DC and powerline frequency does, it can produce **serious burns.** However, the primary circuits of the larger devices are **extremely hazardous and will electrocute without a second chance.** We offer the smaller BTC3 unit as a kit and assembled item due to our inability to control whose hands the larger units may fall into. We do, however, offer the components for the larger coils but insist that the builder attempting these projects be well aware of **the hazards involved.**

## HIGH VOLTAGES, PLASMAS AND POWER SUPPLIES (Continued)

**HVM3 — SUPER HIGH VOLTAGE DC SUPPLY** — operates from 115 VAC or 12VDC and provides an adjustable HV output up to 120 KV. Now at last this economical continuous variable high potential DC source is available for those high voltage researchers experimenting in ion generators propulsion motors, particle acceleration lightning generators, HV stress testing, special effects and other applications.

HVM3 PLANS	\$ 10.00
HVM3K KIT (100 KV)	\$129.50
HVM30 100KV ASSEMBLED	\$169.50

**JL2 — JACOB'S LADDER/PLASMA GENERATOR — ALL NEW** plans show how to construct two models of the fascinating Jacob's Ladder that produces the spectacular traveling electrical plasma effect. These are great for science fair, special effects demonstrations and serious plasma experiments. Plans show a small table top model and our spectacular floor model capable of producing 12" of electrical plasma.

JL2 PLANS	\$ 8.00
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**DISP1 — LIGHTNING AND ION LAMP** — Unit generates visible lightning discharges along with beneficial negative ions as evidenced by the clean refreshing smell produced. External control allows texture and intensity of discharges to be controlled. This device is patent pending and scheduled for market introduction as a combination display and air purifier.

DISP1 PLANS	\$ 7.00
DISP1K KIT ABOVE	\$ 79.50

**PS12 — 12-VOLT POWER SUPPLY** — This device is an adjustable 5-14 volt regulated DC source supplying up to 3 amps for many electronic projects where a battery is required. Device can also be used to charge Ni-Cad or other rechargeable batteries.

PS12 PLANS	\$ 5.00
PS12K ALL ELECTRONIC PARTS	\$34.50

**PTG1 — PLASMA TORNADO GENERATOR** — Highly visible electric phenomena swirling around and controlled externally. New and fascinating, a real attention getter. Demonstrates the fourth state of matter.

PTG1 PLANS	\$ 8.00
PTG1K KIT ABOVE	\$ 79.50

**HV1 — VAN DE GRAFF HIGH VOLTAGE GENERATOR** — 3 million volts crashing lightning bolts! This is not a toy, but a professional quality research instrument.

HV1 PLANS	\$ 7.00
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## IONS, PARTICLES AND DETECTION DEVICES

**NIG4 — 3-WAY NEGATIVE ION GENERATOR** — Produces high fluxes of beneficial negative ions, yet very little ozone. Unit operates from 12-VDC or 115VAC and only uses fractions of a watt.

NIG4 PLANS	\$ 6.00
NIG4K KIT	\$49.50

**IOG1 — ION RAY GUN** — handheld battery operated device demonstrates the mobility effects of charged particles for potential weapons and other uses. Produces directional plus or minus ions capable of charging distant objects to several thousand volts. Induces electrical shocks, light lights, charge capacitors, run motors, creates motions, force field effects all without contact.

IOG1 PLANS	\$ 10.00
IOG1K ION RAY GUN KIT (100 KV)	\$109.50
ASSEMBLED AND TESTED BY SPECIAL REQUEST	

**CPFG1 — PARTICLE BEAM GENERATOR/PROTON ACCELERATOR** — Complicated plans show how to construct a particle accelerator using tandem and parallel COCKCROFT WALTON voltage multipliers. Also shown is our approach to the design of a particle beam weapon. Plans involve vacuum systems, high voltage power supplies and are considered moderately complicated and hazardous.

CPFG1 PLANS	\$15.00
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**AS8 — ATOM SMASHER** — Full construction plans on building a medium energy particle accelerator that will split atoms! This is a LAB QUALITY DEVICE! Plans include full details on a high voltage multiplier, accelerator assembly and complete high vacuum system.

AS8 PLANS	\$15.00
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**GC6 — GEIGER COUNTER** — All new and easy to construct geiger counter so sensitive that it detects radiation as low level as that obtained from an ion smoke detector. Unit is portable and lightweight and gives both audible indicating (headsets) and visual indicator (meter). Detects Alpha, Beta and Gamma Radiation. Can be used with most GM tubes. Requires 8 "AA" economical batteries for hours of operating time. Sources of GM tubes provided.

GC6 PLANS	\$ 8.00
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**PPD1 — PLASMA PROPULSION DEVICE** — This all new field combines electronics, fluid dynamics, chemistry and physics to demonstrate a unique means of creating a force capable of propelling a projectile at relatively high velocities. CAUTION! This is an advanced project and is intended for experienced R&D personnel.

PPD1 PLANS	\$10.00
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**HKP1 — HIGH ENERGY KILOWATT PULSER** — Generates multi-kilowatt pulses of powers capable of producing high energy magnetic fields, plasmas, exploding wires and other materials, creating EMP electromagnetic pulse, cause liquids to explode within producing blast and shock waves for propulsion, etc. THIS IS A DANGEROUS DEVICE! IT CAN ELECTROCUTE, BURN AND CAUSE CERTAIN MATERIALS TO EXPLODE. IT IS INTENDED TO BE USED BY EXPERIENCED LABORATORY PERSONNEL.

HKP1 PLANS	\$10.00
HKP1K KIT OF ABOVE	\$99.50

## OTHER SCIENTIFIC/ELECTRONIC DEVICES

**MGD1 — MAGNETIC FIELD DISTORTION DETECTOR** — This all new ultra-sensitive device allows one to listen to, measure and record any magnetic disturbances. Easily detects aircraft, automobiles, UFO's?, etc., by sensing the slightest change in the earth's magnetic field as they pass through these lines of force. This is a great research/development and science fair device having many practical applications in working with magnetism, detecting magnetic storms and the forewarning of intense disturbances that can cause power line damage and many other costly failures. Will detect flux change in the microgauss.

MGD1 PLANS	\$10.00
MGD1K KIT	\$94.50
MGD10 ASSEMBLED & TESTED UNIT ON SPECIAL REQUEST	

**TCT1 — TESLA COIL TUNER** — This handy little gadget is a must for those who are into designing and building high frequency, high voltage TESLA COILS. Simple device enables one to determine the resonant frequency and capacitance of a coil without physical contact.

TCT1 PLANS	\$ 6.00
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**PBK3 — SUB MINI 20,000 VOLT POWER MODULE** — Use for shocking defense devices, image tubes, ion generation ignition, ect. Highly efficient circuitry uses 9V battery.

PBK3 PLANS	\$ 7.00
PBK3K KIT ABOVE	\$34.50
PBK30 ASSEMBLED & TESTED	\$49.50

**XP1 — PORTABLE X-RAY MACHINE** — Easy to construct plans on a simple and cheap way to build home x-ray machine! Effective devices X-ray parts of the body, can also be used to experiment with such fields as genetics and sterilization.

**RADIATION HAZARD  
NOT A TOY OR INTENDED FOR MINORS**

XP1 PLANS	\$ 7.00
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**SSW10 — SOUND CONTROLLED SWITCH** — Turning anything off or on with the sound of your voice or a clap of your hands! It is sensitive enough to work with a whisper at 10 feet.

SSW10 EACH SOUND CONTROLLED SWITCH (ACTUAL UNIT)	\$ 7.00
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**WE CAN CUSTOM ASSEMBLE HIGH VOLTAGE POWER SUPPLIES AND TESLA COILS.**



## NEW ITEMS

**IOD1 — ION AND FIELD DETECTOR** — Small hand-held device indicates the presence of electric fields, ions and other electrical phenomena. A must for those experimenting with negative ions and high voltages.

IOD1	PLANS .....	\$ 5.00
IOD1K	KIT .....	\$24.50
IOD10	ASSEMBLED & TESTED UNIT .....	\$39.50

**GRA1 — GRAVITY GENERATOR** — This unique machine demonstrates a simple electrical phenomena that produces an anti-gravity effect. You can actually build a small mock spaceship out of simple materials and without any visible means cause it to levitate. This is great science fair demonstration as well as a very interesting device. Phenomena and method of use may be elaborated on and we welcome any suggestions and findings that the experimenter may come upon.

GRA1	PLANS .....	\$ 6.00
GRA1	KIT SOON TO BE AVAILABLE	

## R&D PRODUCTS ON UP AND COMING NEW IDEAS AND CONCEPTS

1. Magnetic weapons, guns, cannons, heat gun.
2. Hyperenergetic Projectiles.
3. Shock Wave Generator.
4. Infrasonic Generator.

## SCIENTIFIC SYSTEMS FOR HOME SECURITY AND PERSONAL PROTECTION

### SEE IN THE DARK DEVICES

**COMPLETE READY TO USE SEE IN TOTAL DARKNESS DEVICES FOR NIGHT TIME VIEWING AND SURVEILLANCE, STAKEOUTS, SECURITY, CCTV, POSITIVE ID PHOTOGRAPHY, HAZE AND FOG PENETRATION, ETC.**

Also allowing viewing emission of **IR LASERS**, fibre optics, LEDs, IR alarms, communicators tracking and reading systems, infrared astronomy microscopy, thermal scenes, hotspots, flames, arcs, etc. Can be used for observing invisible markings on currency and stamps, authenticity of art objects, documents, rust, weld, joints, rocks, minerals and diseased vegetation. High resolution sensitivity image converter device with IR source available as a kit or assembled and tested.

**SD5 — ALL NEW "NIGHT EYE"** — Device allows you to see in total darkness. Lightweight, self-contained and range adjustable up to over 100 meters. Low cost and equal in performance to those costing three to four times as much.

SD5	PLANS .....	\$ 10.00
SD5K	KIT MINUS TUBE .....	\$ 99.50
IRT1	SELECTED IMAGE TUBE .....	\$ 24.50
SD50	ASSEMBLED UNIT .....	\$199.50

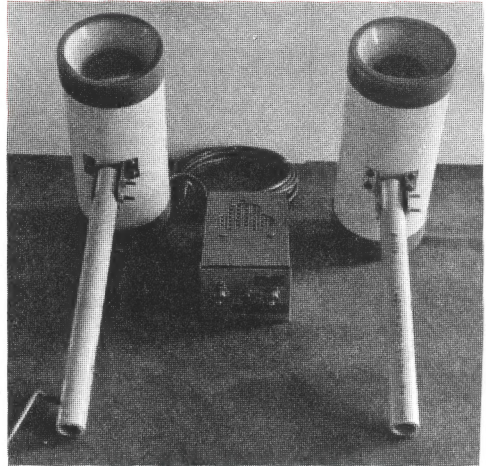
**GVP1 — GENERAL PURPOSE VIEWER** — with telephoto lens and 7X eyepiece. Contains built-in IR source and convenient holding handle — size 13x3½x6½ lens handle, weight 3 lbs.

GVP1	READY TO USE .....	\$324.50
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**PSV1 — PROFESSIONAL VIEWER** — same as GVP1 except for standard "T" socket for choice of lenses and higher quality image tube.

PSV1	READY TO USE but requires one of the optional "T" mount lenses as listed .....	\$324.50
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**SORRY, NO RETURNS WITHOUT A LEGITIMATE REASON AND SPECIAL AUTHORIZATION ON THESE DEVICES DUE TO BEING USED ONLY ONE TIME FOR EVIDENCE GATHERING, ETC.**



## SECURITY HOME/PROPERTY

**ISP1 — INVISIBLE SENTRY/PROPERTY GUARD ALARM SYSTEM** — One of our latest products is a completely automatic and foolproof guard alarm system for your property, home, etc. Nothing and no one can penetrate the invisible silent shield without being detected. System automatically tells you where and what on a remote panel, can activate floodlights, sirens, bells, traps, etc. Easy, quick and inexpensive to install.

**YOU SHOULD NOT BE WITHOUT THIS PROTECTION  
IN TODAY'S WORLD OF CRIME AND TERRORISM.**

ISP1	PLANS .....	\$ 10.00
ISP1K	KIT .....	\$129.50
OPTIONAL ASSEMBLED SYSTEMS SUITED TO YOUR NEEDS AVAILABLE.		

**SNP2 — SNOOPER PHONE** — This is the latest in home or office security devices that enables the user to dial his own telephone from anywhere in the world and "listen in" via a highly sensitive microphone that can be placed anywhere on the premises. Phone automatically turns on mike **without ever ringing** when last digit of number is dialed and remains activated for a predetermined time. Use to check premises against unauthorized intrusion, proper functioning of utilities and other machinery while away on vacation, etc. **Easy to operate**, installs with standard phone plug and extension jacks. Adjustable sensitivity can be preset to pick up any desired level of sounds. May also be used to turn on other electrical devices when used in conjunction with our **SCU1-Sense Control Unit**.

SNP2	PLANS .....	\$ 9.00
SNP2K	KIT .....	\$69.50
SNP20	ASSEMBLED & TESTED UNIT .....	\$99.50

**MFT1 — MINI LONG-RANGE VOICE TRANSMITTER** — Listening device allows the user to monitor and secure check points around his house, office or other premises where "listening in" may be advantageous. Unit occupies a volume of slightly more than a cubic inch yet can transmit low level sounds or voices up to an honest mile producing crystal clear audio quality through a standard FM radio receiver. Tuning control allows adjusting to a clear frequency or channel. Unit operates on standard batteries for up to months or can be permanently powered by a miniature power supply running off of normal house current. Also operates from any vehicle 12 volt battery.

MFT1	PLANS .....	\$ 7.00
MFT1K	KIT WITH PC BOARD .....	\$49.50

**FCT5 — FM BROADCAST TRANSMITTER** — Unique circuit allows you to broadcast over a standard FM radio. Be a neighborhood disc jockey, communicate with your friends, or use for monitoring an area. Simple circuit is range adjustable. Unit is similar to above FBT9 but is packaged in an aluminum mini box. Can be a great intrusion alarm or wireless baby-sitter.

FCT5	PLANS .....	\$ 8.00
FCT5K	KIT .....	\$59.50



## SECURITY / HOME PROPERTY (Continued)

**VWPM5 — VOICE OPERATED WIRELESS PHONE DEVICE** — This neat little device broadcasts **both sides of a telephone conversation to any nearby FM radio** with crystal clear clarity over considerable distances. The unique feature of this device is that it only transmits a signal when the telephone is being used thus conserving the batteries and eliminating unnecessary soundless transmissions. Also allows several units to be used simultaneously on different lines with one monitoring receiver. It is intended for remote listening of home or office phone while performing other duties. Easily installed anywhere on phone lines. Does not interfere with normal telephone operations.

**VWPM5 PLANS** ..... \$ 8.00  
**VWPM5K KIT** ..... \$39.50

**HOD1/TT6 — ELECTRONIC HOMING OR TRACKING DEVICE** — is intended for hunters, hikers or anyone who may go into an unfamiliar area. Small electronic device is placed on roof of parked vehicle and emits a **beeping tone** that is picked up on a small portable pocket FM radio carried by the user. Usable range can be in **excess of two miles** but may vary due to terrain and quality of receiver. Multiple units may also be used for increasing distance even further. Device may also be used to follow vehicles, people or animals. When properly used, excellent range is obtainable.

**HOD1 PLANS** ..... \$ 7.00  
**HOD1K KIT** ..... \$44.50

**RWM3 — REMOTE WIRELESS WIZARD REPEATER TRANSMITTER** — Allows any tape recorder Hi-Fi or other similar device to **transmit its output to a nearby FM radio** tuned to the desired frequency. Now you can have your favorite tapes, records, etc., played on your good quality home Hi-Fi and rebroadcast to a portable or another conveniently located FM radio. The unit is self-contained and does not require any internal wiring to those devices, just plug into speaker or earphone output. The unit including battery is no larger than your thumb, but will broadcast over considerable distances. Also intended to rebroadcast remotely located **parabolic, shotgun or other sensitive listening devices**. Complete with necessary plugs, jacks.

**RWM3 PLANS** ..... \$ 6.00  
**RWM3K KIT** ..... \$29.50

**HGA1 — HIGH GAIN AMPLIFIER** — This super sensitive, ultra-low noise device enables one to hear a world of sounds that would otherwise be **impossible to hear without it**. It is constructed on a piece of PC board and housed along with its controls in an aluminum minibox. It is all solid-state and is intended to be used with the **tubular or parabolic reflector type directional microphones**. These devices can overhear a normal conversation over considerable distances. They may also hear through glass windows in houses or cars. These same devices are used extensively by **law enforcement agencies** and serious minded nature listeners. The amplifier can also be used by itself as a super sensitive ear or sound detection system. It contains an optional jack for use with our RWM3-REMOTE WIRELESS WIZARD TRANSMITTER that greatly extends its usable range. It also can be used for intrusion alarms or as a sound level meter and many other applications.

**HGA1 PLANS** ..... \$ 8.00  
**HGA1K KIT** ..... \$44.50  
**HGA10 ASSEMBLED & TESTED UNIT** ..... \$59.50

**SOX2 — SOUND SWITCH AND ULTRA-HIGH GAIN AMPLIFIER** — combination automatically controls any tape recorder along with increasing its pick-up sensitivity many times. Eliminates dead tape listening time. Single control easily adjusts to any sound level desired. Use with tuned tube and parabolic microphone for **ultra-low noise applications**. Great for observing entrances, driveways, walkways, indoors or outdoors, offices, automobiles, warehouse, etc. Can also be used to **"SOUND CONTROL"** other items such as remote alarms, wireless transmitters, pain generators, cameras and traps.

**SOX2 PLANS** ..... \$ 9.00  
**SOX2K KIT** ..... \$59.50  
**SOX20 ASSEMBLED & TESTED UNIT** ..... \$79.50

**PS7 — PROXIMITY SWITCH** — Device detects the presence of a living body, produces a contact closure or opening for powering other deterrents or alarms. Use for protecting vehicles, walkways, and certain objects, etc.

**PS7 PLANS** ..... \$ 6.00  
**PS7K KIT** ..... \$34.50  
**PS70 ASSEMBLED & TESTED UNIT** ..... \$49.50



**TAT2 — TALK AND TELL** — Amazing electronic device automatically records all phone conversations whenever telephone is being used. Clearly records **both parties** providing a means of obtaining accurate messages or preventing unauthorized use of a phone. Does not interfere with normal phone operating in any way. Automatically turns recorder on and off. Requires **no maintenance or batteries**. Subminiature and easily concealable also extends tape time. Complete with plugs and jacks.

**TAT2 PLANS** ..... \$ 5.00  
**TAT2K KIT** ..... \$14.50  
**TAT20 ASSEMBLED & TESTED UNIT** ..... \$24.50

**SAS2 — SIGNAL ACTIVATED SWITCH** — This neat little gadget is intended to operate any electrical device such as **tape recorders, alarms, etc.**, when voices or sounds are received on a standard FM radio. Threshold of activation is preset by the radio volume control. Use with our **wireless devices** for automatic recording of transmissions.

**SAS2 PLANS** ..... \$ 6.00  
**SAS2K KIT** ..... \$29.50  
**SAS20 ASSEMBLED & TESTED UNIT** ..... \$39.50

**SM3 — SHOTGUN DIRECTIONAL MICROPHONE** — Kit contains cut tubes and all fab parts for use in building a super-directional highly sensitive microphone. All electrical components are supplied that are necessary in constructing the device. The unit also **includes our HIGH GAIN AMPLIFIER** described as our HGA1K. When combined, good results can be obtained such as sound being heard through windows, picking out whispers in crowds from considerable distances, etc.

**SM3 PLANS** ..... \$ 8.00  
**SM3K KIT** ..... \$104.50

**VS9 — VOICE SCRAMBLER** — Miniature solid-state module turns speech sounds into undecipherable noise that cannot be understood without a second matched unit. Use on telephone to prevent third party listening by nosey neighbors and **bugging**. Use for those private calls.

**VS9 PLANS** ..... \$ 8.00  
**VS9K KIT (1 set = 2 units)** ..... \$ 79.50  
**VS90 ASSEMBLED & TESTED UNIT (1 set = 2 units)** ..... \$109.50

**US7 — POLICE CALL UNSCRAMBLER** — Allows you to decipher many of those interesting communications on the airways by simply connecting this neat little unit to the 8-ohm output jack of most radios.

**US7 PLANS** ..... \$ 5.00  
**US7K KIT** ..... \$34.50  
**US70 ASSEMBLED & TESTED UNIT** ..... \$59.50

**INF1/INC1 — NEW INFINITY TRANSMITTER & SECURITY/CONTROLLER UNIT** — This all new device allows a person possessing a matching tone transmitter to activate a highly sensitive microphone and monitor the premises using MaBell phone lines without the target phone **ever ringing**. User can be **anywhere in the world** where normal phone service is available. Intended to listen in on your home or office while away on vacation, turn on coffee pots, heaters, lights, open doors, etc. Please note that this device is **not approved** by the telephone company and may violate certain laws when used for listening to oral communications in your state. Therefore, we will **not** assemble this unit. It is intended as an educational study in electronic/telephone interfacing and any attempt to use this device when assembled should be **thoroughly investigated** as to the legality of the application.

**INF1 PLANS** ..... \$ 15.00  
**INF1K KIT** ..... \$139.50



## SECURITY / HOME PROPERTY (Continued)

**TP4 — LISTEN IN PHONE ATTACHMENT** — Simple electronic circuit lets you pick up extension telephone **without the users hearing a click.**

TP4	PLANS	\$ 4.00
TP4K	KIT	\$ 14.50

**NC3 — NOISE CURTAIN** — Cone of silence — device generates noise that jams most bugs, yet still allows conversation.

NC3	PLANS	\$ 4.00
NC3K	KIT	\$ 39.50

**BD1 — BUG DETECTOR** — Easy to construct device located any hidden source of radio energy! Sniffs out and finds bugs and other sources of bothersome interference. This unit when constructed is comparable with systems selling for well over \$300. Detects low, high and UHF frequencies.

BD1	PLANS	\$ 8.00
BD1K	KIT	\$ 99.50
BD1O	ASSEMBLED & TESTED UNIT	\$129.50

**PWM3 — LONG-RANGE PARABOLIC MICROPHONE** — with wireless FM transmitter not only allows the efficient picking up of distant and low level weak sounds but also wirelessly transmits them to a remotely located FM radio receiver. This set-up is excellent for the serious nature listener who requires gathering sounds from distant hostile target areas and then rebroadcasting to a conveniently located FM radio for recording and evaluation purposes. Use for nature studies in swamps, etc. May also be used with headsets.

PWM3	COMPLETE PLANS	\$ 10.00
PWM3K	KIT WITH WIRELESS	\$139.50
PWM3O	ABOVE WITH ASSEMBLED/TESTED ELECTRONICS & ALL FABRICATED PARTS	\$169.50
PM3K	KIT OF ABOVE BUT WITHOUT THE FM WIRELESS TRANSMITTER — FOR USE WITH HEADSETS ONLY SUCH AS OUR HS10	\$ 99.50
PM3O	ABOVE WITH ASSEMBLED/TESTED ELECTRONICS AND ALL FABRICATED PARTS	\$129.50

**USAR1 — SOUND OPERATED PARABOLIC MIKE** — contains a sound activated switch along with the amplifier in the above PM3. It is intended for automatically recording sounds as they occur eliminating wasted and dead tape time. Can also be used to trigger any electrical device by sound. Unit is fully adjustable for both recording levels and recorder activation.

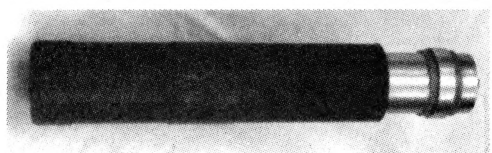
USAR1	PLANS	\$ 10.00
USAR1K	KIT	\$109.50
USAR1O	ABOVE WITH ASSEMBLED/TESTED ELECTRONICS AND ALL FABRICATED PARTS	\$139.50

**SVD1 — SOUND AND VIBRATION DETECTOR** — This ultra-sensitive device enables one to hear through walls, windows, floors, etc. Can be used for many stethoscopic functions such as heartbeat monitoring and listening to internal workings of many mechanical devices. Hear a world of sounds never before possible.

SVD1	PLANS	\$ 6.00
SVD1K	KIT	\$ 44.50

**TJ5 — PULSED TV JOKER** — Little hand-held device utilizes pulse techniques that will completely disrupt TV picture and sound! Great as a gag or barroom joke! Works on FM, too. DISCRETION ADVISED.

TJ5	PLANS	\$ 6.00
TJ5K	KIT	\$ 34.50



**BLS1 BLASTER DEVICE**

Please read the following: these devices can produce dangerous and potentially *lethal* amounts of energy under the right circumstances. They are sold under the same conditions that we would sell any lethal weapon advocating their use only as a threat or when no other alternative is possible in protecting one's life.

## PERSONAL PROTECTIVE DEVICES

**PSW3 — PHASOR SHOCK DEVICE** — flashlight-sized hand-held device can burn living tissue and produce painful electric shocks. Special micro-circuit oscillators and power multiplier stage produce 4000V at 4 ma of direct current from a rechargeable battery pack. Intended as a controlling or training device for various animals.

PSW3	PLANS	\$ 7.00
PSW3K	KIT	\$39.50
PSW3O	ASSEMBLED & TESTED WITH WARNING LABELS	\$59.50

**BLS1 — BLASTER/DEVASTATOR DEVICE** — is our most popular protective device. Unit produces an **explosive electrical plasma discharge** of over 100,000 watts with the brisance of a pistol shot. It can burn living tissue producing a stunning or disabling effect. It is intended to be used against a vicious animal or other attacking subject. Rugged hand-held and completely self-contained unit has a membrane safety switch and power indicator lamp. Patented dual contact method helps to prevent the unit from being taken away from the user while providing ease in operation.

BLS1	PLANS	\$10.00
BLS1K	KIT	\$69.50
BLS1O	ASSEMBLED & TESTED UNIT WITH WARNING LABEL	\$89.50

**ITM1 — INTIMIDATOR DEVICE** — Intended for heavy-duty operation. Long cylindrical tough lightweight enclosure houses a 100,000 volt energy source that produces a hissing and crackling lightning-like display. Unit will intimidate or temporarily stun an attacker.

ITM1	PLANS	\$10.00
ITM1K	KIT	\$69.50
ITM1O	ASSEMBLED AND TESTED UNIT	\$99.50

**STG1 — STUN GUN** — Now at last a shirt pocket-sized 25,000 volt hand-held intimidating and stunning device intended for personal protection. Produces a constant hissing and crackling plasma discharge that usually discourages most attackers.

STG1	PLANS	\$ 6.00
STG1K	KIT	\$34.50
STG1O	ASSEMBLED & TESTED	\$49.50

**PRG1 — TASER DISABLING AND PARALYZING GUN** — is intended for use against potential hostile personal situations. It will not kill or permanently maim the subject, yet possesses more stopping power than a .38 when properly used. This hand-held device weighs less than 1.5 lbs., yet contains a built-in aiming light and has a two shot capacity. Now at last this weapon is available to the homeowner. We offer a complete information pack of specifications and ordering procedure that may be deducted from the actual purchase price.

PRG1	INFORMATION PACK	\$10.00
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**BLB1 — BLACK BOX BLITZER DEVICE** — protects objects, vehicles and sensitive areas from intrusion, theft and assault. Protects by producing a painful electric shock field capable of temporarily stunning a vicious animal or other intruding subject. Also sounds an audible alarm giving the user added warning to take other steps of action. Rechargeable battery pack with alarm, on/off switch, pulse indicator lamp and alarm reset button. Produces energy field of 2 joules.

BLB1	PLANS	\$10.00
BLB1K	KIT	\$79.50
BLB1O	ASSEMBLED & TESTED WITH WARNING LABEL	\$99.50

**OE2 — OBJECT ELECTRIFIED SHOCKING DEVICE** — similar to above but less severe and without alarm. Produces energy field of 100 milli joules capable of producing a painful electric shock. Intended to protect individual objects, vehicles, etc. Battery operated.

OE2	PLANS	\$ 7.00
OE2K	PORTABLE 20 KV KIT	\$44.50

These are not induction discharge cattle prods or rattlesnake sticks but use microelectric oscillators, power multipliers and energy storage circuits that can produce continuous direct current or high energy pulse output. They are sold at buyer's risk only and we assume no responsibility in their use. They are intended for animal control.

## SCIENTIFIC SYSTEMS ACCESSORY ITEMS FOR USE WITH EQUIPMENT IN THIS CATALOG

**FSM1 — FIELD STRENGTH MOTION** — this device is a great aid when using any wireless transmitter that transmits in and around the FM broadcast band. Relative field strength is indicated via a sensitivity adjustable meter. Tuning knob may be calibrated to provide a rough frequency indication. Unit is a must for serious optimizing of any wireless transmitting system.

FMS1	PLANS	\$ 4.00
FSM1K	KIT	\$29.50
FSM10	READY-TO-USE	\$39.50

**BLM3 — BATTERY CHARGERS/ELIMINATORS** — plans show how to construct three different units.

BLM3	MULTI-PLANS PACKAGE	
	INCLUDES BC12, BCM1, BC9	\$ 6.00
BC12K	KIT DELIVERS 12 VOLTS 3 AMPS	\$24.50
BCM1K	KIT DELIVERS 15 VOLTS AT .2 AMPS	
	FOR MULTI CELLS	\$19.50
BC9K	KIT BATTERY ELIMINATOR/CHARGER —	
	works well with our wireless devices	
	for permanent installations	\$14.50

ABOVE KITS MAY BE ASSEMBLED FOR EXTRA \$10.00.  
PLEASE SPECIFY

**SCU1 — SENSE & CONTROL UNIT** — allows activation of any electrical device by a signal obtained through a radio, telephone or the special output sense signal from detection devices such as our INF1, SNP2, ISP2, SOX2, USW1, LLD1, as described in catalog. Will activate our electrification and pain field devices or other active physical deterrent: traps, cameras, etc.

SCU1	PLANS	\$ 5.00
SCU1K	KIT	\$34.50
SCU10	ASSEMBLED & TESTED	\$49.50

**FMR20 — HIGH PERFORMANCE PORTABLE BATTERY OR AC AM/FM RADIO** — Aircraft and High Band Receiver interfaces with all our equipment described and provides excellent performance. External jacks for recorders, auxiliary inputs and other functions. Complete with telescoping antenna and batteries.

FMR20	COMPLETE UNIT	\$89.50
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**HS1 — HEADSETS** — Dual monophonic cushioned headsets for comfortable listening. Excellent quality designed to interface with our equipment.

HS1	COMPLETE WITH MATCHING TRANSFORMER	
	AND EXTRA MINI PLUG	\$16.50

**TAR1 — CASSETTE TAPE RECORDER** — Intended to be operated with our equipment as described and provides excellent performance.

TAR10	CASSETTE TAPE RECORDER	\$39.50
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**HA1 — HELICAL ANTENNA** — Plans show how to construct a miniature antenna that is only a fraction of the size of an equivalent one in performance. They are intended to be used with any wireless receiver or transmitter in the 100-108Mhz range.

HA1	PLANS	\$ 3.00
HA1K	KIT	\$ 5.50
HA10	ASSEMBLED & TESTED	\$ 8.50

**HA2 — HIGH GAIN ANTENNA** — Intended to be used with our FM receivers for picking up and greatly extending the range of ours and other wireless devices. Do not use on a transmitting device due to FCC rules and regulations.

**DIPOLE ANTENNA/TRANSMISSION LINE AND ALL INSULATORS**

HA20		\$12.50
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**WPL1 — EXOTIC WEAPONS** — Includes James Curtis Earl's book on machine guns along with recently developed electronic weaponry.

WPL1		\$ 6.00
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## ULTRASONIC AND ACCOUSTICAL PEST AND ANIMAL CONTROL

**RAT2 — RAT AND RODENT ROUTER** — Effective device efficiently drives rats and other rodents (including bats) from houses, barns, gardens, cellars, etc., without mess or hazardous chemicals. Highly efficient electronic circuitry generates **ultra-sonic energy** inaudible to humans) at certain frequencies that rats and other rodents find intolerable therefore vacating the premises. One of these devices generates sufficient sonic energy to force these pests from a normal size house. Programmed pulses of energy **eliminate the effect of slot hearing or deafness immunity**. Plans show how to construct this unit into an attractive housing along with complete installation info.

RAT2	PLANS	\$ 7.00
RAT2K	KIT	\$44.50
RAT20	ASSEMBLED & TESTED UNIT	\$79.50

**GG1 — GARDEN GUARD** — This amazing device is intended to protect small areas from unwelcome intrusion by our four-legged friends. It **does not injure** them in any way! It simply produces a discordant burst of ultra-sonic sound energy every so often that they hear, consequently frightening them away. These sounds are inaudible to most people and create no adverse effects.

GG1	PLANS	\$ 7.00
GG1K	KIT	\$44.50
GG10	ASSEMBLED & TESTED UNIT	\$79.50

**DOG2 — ANTI-DOG FORCE FIELD** — Amazing new device from our research labs will protect your yard from stray dogs. Totally solid-state electronics uses little power and will not injure pets.

DOG2	PLANS	\$ 7.00
DOG2K	KIT	\$44.50
DOG20	ASSEMBLED & TESTED UNIT	\$79.50

**MUT5 — MUTT MINDER** — (as described in Elementary Electronics, Jan/Feb 1979). This modern hand-held device is intended for those who may encounter vicious or unruly dogs. Upon activation, the device produces bursts of ultra-sonic energy that most dogs cannot tolerate, therefore, **keeping their distance**. The unit is completely self-contained and easily concealable in the palm of the hand. Device is about the size of a pack of cigarettes and will not harm the dog in any way.

MUT5	PLANS	\$ 8.00
MUT5K	KIT WITH PC BOARD	\$44.50
MUT50	ASSEMBLED & TESTED UNIT	\$64.50

**PE1 — PEST ELIMINATOR AND ERADICATOR** — All new space-age ultra-sonic generator produces high frequency modulated acoustical energy that flies, insects, rodents and many other pests find intolerable, therefore **vacating the premises**. Maintenance free device consists of power indicating light and is intended to be plugged in and forgotten about. Covers and protects normal sized areas such as kitchens, storehouses, patio, etc.

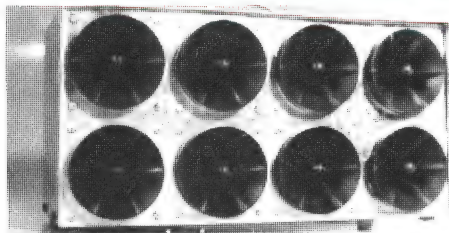
PE1	PLANS	\$ 6.00
PE1K	KIT	\$29.50
PE10	ASSEMBLED & TESTED UNIT	\$44.50

**ROR20 — HIGH POWERED RODENT CONTROL SYSTEM** — Utilizes up to 6 remotely located stations each producing 120db cf constantly changing frequency that drives rodents **into a frenzy**. Basic system kit consists of a central power unit and four transducers with wire, brackets, and all necessary hardware to protect an area up to 20,000 square feet. Unit is licensed to several manufacturers being sold for \$400.00 to \$600.00 (fancy cabinets, etc.)

ROR2	PLANS	\$15.00
ROR2K	KIT four stations	\$175.00
ROR20	COMPLETE SYSTEM AS DESCRIBED —	
	READY TO OPERATE	\$250.00

WE CAN OPTIONALLY DESIGN  
AN ULTRASONIC SYSTEM  
FOR YOUR APPLICATION.  
WRITE OR CALL 603-673-4730  
FOR FURTHER INFORMATION.





**PCC10 POWERFUL PHASOR CROWD CONTROLLER**

## FOR RESEARCH AND ACTIVE PROPERTY PROTECTION

**IPG5 — INVISIBLE PAIN FIELD GENERATOR** — This small shirt pocket-sized electronic device generates moderately intense directional ultrasonic acoustical energy capable of **warding off aggressive dogs and other animals**. Unit is slightly larger than a king-sized pack of cigarettes running off of a standard 9-volt battery. Frequency can be controlled from 16-21 KHz allowing a setting that produces maximum effect on certain target subjects. Care must be taken to avoid directing toward people as most will experience intense pain and discomfort from this device. Prolonged use can produce nausea, eyes watering, headaches and many other discomforting symptoms.

**PLEASE NOTE THAT THIS UNIT COULD BE USED TO DISCOURAGE CERTAIN UNWANTED PERSONAL ENCOUNTERS. HOWEVER, DUE TO THE UNKNOWN NATURE OF A PARTICULAR SITUATION, IT IS NOT ADVISED.**

IPG5	PLANS	\$ 8.00
IPG5K	KIT WITH PC BOARD	\$44.50
IPG50	ASSEMBLED & TESTED UNIT	\$64.50

**PPF1 — PHASER PAIN FIELD** — This device has recently been developed and patented in our labs and is presently being evaluated by state and government agencies for **riot and crowd control**. It is now available but soon will come under the jurisdiction of **weapons and infernal machine** control, making it unavailable to the public. The device consists of an array of 4 transducers that are powered by a **programmable** source of ultrasonic energy between 10 and 22KHz. Unit automatically sweeps between preset limits at a preset programmable rate. Produces a directional field of ultrasonic energy at **125db plus**. Unit is 7" by 7" x 11" and can easily be hand-held similar to a megaphone. It can be powered by a 12-volt source such as an auto cigarette lighter or internal Ni-Cad batteries. Similar, but more powerful unit is our PCC1 that contains 8 transducers in an array.

PPF1	PLANS	\$ 15.00
PPF1K	KIT	\$175.00
PPF10	ASSEMBLED & TESTED (with 4 transducers)	\$250.00

## MORE POWERFUL PHASOR CROWD CONTROLLER

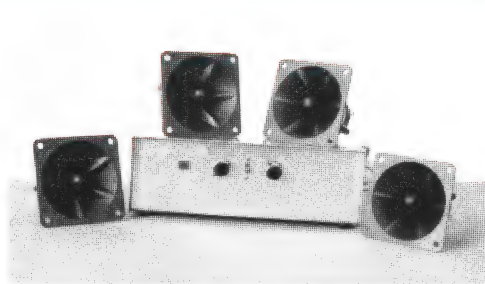
PCC1	PLANS	\$ 15.00
PCC1K	KIT	\$225.00
PCC10	ASSEMBLED & TESTED (with 8 transducers)	\$325.00

**ULG3 — ULTRASONIC GENERATOR** — These plans show how to construct an electronic device capable of generating **ACOUSTICAL** ultrasonic energy. Unit has a frequency control and varies from 19 to 25KHz. Device will **atomize water**, affect certain animals, be used for proximity detection, remote control, echo ranging, destructive testing and directional intrusion devices. Many interesting experiments can be programmed using this device.

ULG3	PLANS	\$ 6.00
ULG3K	KIT	\$34.50
ULG30	ASSEMBLED & TESTED UNIT	\$49.50

**ULO1 — HIGH POWERED ULTRASONIC OSCILLATOR** — Plans show how to construct a 25KHz, 125 watt oscillator capable of powering and driving magneto restrictive devices for ultrasonic **soldering, brazing, welding, mixing, cleaning, cutting, living tissue**, etc. All parts and pieces are sourced for the serious builder.

ULO1	PLANS	\$ 6.00
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**PPG1 — PHASOR PROPERTY GUARD** — This all new modern device prevents unauthorized intrusion by creating an invisible field of highly **irritating and uncomfortable** ultrasonic accoustical energy at high sound pressure levels. Basic unit consists of a centrally located power/frequency controlled oscillator module whose output can be programmed to continually change in tone at adjustable sweep rates. This module feeds 2 to 6 remotely located ultrasonic transducers, positioned for maximum effectiveness of the area in question. The unit can be made to automatically turn on via simple detection circuitry so that an unauthorized intruder entering an area would immediately encounter this pain producing energy field, steadily increasing in frequency to an uncomfortable feeling occurring in the back of his head. System can also be adjusted to produce a high volume audible alarm at the low frequency end for further effect producing the **usual paranoia and intense nervousness** necessary to cause an immediate vacating of the premises. **Frequency limits and sweep times** are easily controlled via the front panel knobs along with an **AUTO/MANUAL SELECTOR SWITCH** that enables either a steady or constantly varying field. System also contains on/off switch, indicator lamp, fuse and convenient connection point for remote control and connection of transducers on rear of unit. Power requirements are about 60 watts at standard 115VAC. Completed unit and kits are supplied with 4 transducers. 100 feet of hook-up wire and all necessary hardware for installation. This system is not to be confused with the motion detectors where low power ultrasonic are only used as a means of sonic radar.

PPG1	PLANS	\$ 15.00
PPG1K	KIT	\$175.00
PPG10	ASSEMBLED & TESTED UNIT	\$250.00

**PSP3 — PHASOR SHOCK WAVE PISTOL SERIES** — These laboratory type acoustical ultrasonic devices can produce highly directional intense adjustable frequency **shock waves**. Lightweight, hand-held pistol configuration encloses batteries and all circuitry with pushbutton "trigger" switch and "frequency" adjust control. Devices are intended for scientific research such as in the fields of animal control and behavior or any application where high sound pressure levels are required. Please note that these units can produce pain, headache, nausea, discomfort and extreme irritability in most people as well as animals.

**These devices may be used to discourage attackers, however, they are not recommended in extreme hostile situations.**

**THEY ARE NOT TOYS OR RECOMMENDED FOR MINORS.**

**PSP3 — Unit contains one directional transducer and produces approximately 118db at a frequency range of 10-25KHz.**

PSP3	PLANS	\$ 8.00
PSP3K	KIT	\$ 49.50
PSP30	ASSEMBLED & TESTED UNIT	\$ 69.50

**PSP5 — Unit contains an array of 6 transducers and produces approximately 125db at a frequency range of 10-25KHz.**

PSP5	PLANS	\$ 10.00
PSP5K	KIT	\$129.50
PSP50	ASSEMBLED & TESTED UNIT BY SPECIAL REQUEST	\$158.50

**PSP7 — Unit contains an array of 12 transducers and produces approximately 136db at a frequency range of 10-25KHz.**

PSP7	PLANS	\$ 15.00
PSP7K	KIT	\$179.50
PSP70	ASSEMBLED & TESTED UNIT BY SPECIAL REQUEST	\$229.50

## DETECTION AND SURVEILLANCE

**HT9 — HIGH FREQUENCY TRANSLATOR** — All new electronic device allows you to **eavesdrop on a world of sound that few people even know exists!** Many of nature's life forms use a spectrum of high frequency sound that is inaudible to humans, yet to nature's creatures is their form of communication, expression of mating urges, danger signals, etc. Many man-made devices also emit sounds that are beyond human hearing but become highly audible when using this device. Examples are: leaking gases, improper bearing wear, mechanical faults, ultrasonic power supplies, alarms, leaking HV electricity, etc. This unit is fascinating, educational and is an **excellent science fair project.**

HT9	PLANS	.....	\$ 8.00
HT9K	KIT	.....	\$59.50
HT90	ASSEMBLED & TESTED UNIT	.....	\$79.50

**MMD1 — MOTION & MOVEMENT DETECTOR** — This unit can be completely portable or be installed permanently. Amazing security device will **detect the slightest movement** in an area up to 2,000 sq/ft. The all-weather construction allows for use outdoors or indoors. Great for campsites, motels or as a permanent home security device.

MMD1	PLANS	.....	\$ 8.00
MMD1K	KIT	.....	\$89.50

**USW1 — ULTRASONIC SWITCH** — This neat little gem of a device can receive ultrasonic signals from our IPG5 or other similar devices enabling control of other circuits and devices up to a range of several **hundred meters.** Use to remotely control many devices such as doors, alarms, lights or any device capable of being electrically operated.

USW1	PLANS	.....	\$ 6.00
USW1K	KIT	.....	\$44.50
USW10	ASSEMBLED & TESTED UNIT	.....	\$79.50

**USD1 — ULTRASONIC DETECTOR** — Small, hand-held unit detects high frequency inaudible acoustical energy associated with rodent control, intrusion devices, and other potential ultrasonic sources. **Meter indicates relative energy of waves.** Sensitivity control allows use in either very weak or highly intense acoustical fields.

USD1	PLANS	.....	\$ 6.00
USD1K	KIT	.....	\$39.50
USD10	ASSEMBLED & TESTED UNIT	.....	\$59.50

## VIDEO PRODUCTS/MISC.

**SAT1 — CATALOG LISTING OF NEW/USED AND SURPLUS EQUIPMENT** — We own a chain of video stores called Video Village in the Southern New Hampshire area. We purchase, sell and install **satellite TV stations** in the Northeast and quite often buy extra or end up with demo units from our stores. These are perfectly OK but cannot be sold as new or may be replaced by updated equipment. List also contains surplus electronic part and pieces.

The list will vary from time to time and we only ask you to send a dollar to cover our processing costs. Order by **"SAT1 LIST."**

**MULT-1 — MULTI-UNIVERSAL MULTI-TESTER** — You can't afford to be without this professional 20,000R/volt multimeter for assembling and testing our kits or any other electronic troubleshooting/measuring function. **THIS IS A FULL SIZE 3 1/2" METER SCALE WITH TOTAL RANGE CAPABILITY. IT IS NOT A MINIATURE CHEAP TESTER.**

MULT1	MULTI-TESTER	.....	\$29.50
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**ESAI — ELECTRONIC SOLDERING AND ASSEMBLING KIT** — Contains: 30 watt featherweight solder iron; tube of solder 60/40 #19; 10 piece jumper clip test leads; EZ feed dispenser of solder wick; 6 piece screwdriver set; solder stand and cleaning pad.

ESAI	SOLDER/ASSEMBLY KIT	.....	\$29.50
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**OUR RESEARCH AND DEVELOPMENT CONSTANTLY GENERATES A SURPLUS OF PARTS, PROTOTYPE CIRCUITS AND OTHER PARAPHERNALIA. MOST OF THE ITEMS ARE NEW. WE ARE PACKAGING THEM INTO ELECTRONIC "GRAB BAGS." EACH BAG CONTAINS A VALUE AT LEAST TEN TIMES THE COST.**

GRAB1	GRAB BAG	.....	\$10.00
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## USEFUL HOME PRODUCTS AND DEVICES

**BZ5 — ELECTRONIC BUG KILLER** — This amazing device uses a special blacklight source that insects cannot resist. A special high energy electrified grid destroys these attracted insects in a **split second flash of light.** Unit kills up to **thousands of insects per minute** in heavily infested areas. Intended for control of many bothersome insect pests from gypsy moths to mosquitos without the use of dangerous and messy chemicals. We hold **many patents on these products** and welcome all inquiries. Makes a great part-time business selling these to friends and neighbors.

BZ5	PLANS AND PART SOURCES	.....	\$6.00
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**INV1 — INVERTER** — 12VDC to 115VAC @60Hz. These top quality inverters produce **115VAC at 60Hz from a 12-volt battery.** They will run all appliances including fluorescent lighting, TV, stereo, etc. They are not limited to DC devices as are other similar products. These units are a must for 12-volt windmill systems for obtaining usable power. Write for quantity discounts.

PV100	100watt/80Hz, Wgt. 5 lbs., 3 1/2"x6 1/2"x5 1/2"	.....	\$62.50
PV200	200watt/80Hz, Wgt. 6 lbs., 3 1/2"x6 1/2"x5 1/2"	.....	\$79.50
PV400	400watt/80Hz, Wgt. 10 lbs., 3 1/2"x6 1/2"x9"	.....	\$129.50

**MOQ1 — ALL NEW RID-A-WAY™ ELECTRONIC MOSQUITO CONTROL DEVICE** — Now rid your pool or patio area of these bothersome pests by disorientating their primary senses. All new concept generates a complex source of microprocessed time variant accoustical ultrasonic energy that mosquitos can not tolerate. Small and portable unit easy and safe to use. Highly effective with test tone switch and all necessary instructions.

MOQ1	READY TO USE	.....	\$39.50
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**RCR1 — ROACH ROASTER™** — All new. Pulsed electric field kills crawling insects without the use of harmful chemicals. Patented device enables user to target certain areas and eradicate those bothersome pests. Safe and easy to use.

RCR1	PLANS	.....	\$ 5.00
RCR1K	KIT ABOVE	.....	\$29.50
RCR10	ASSEMBLED & TESTED	.....	\$44.50

## TRANSDUCERS AND ACCESSORIES

**TDM1 — MEDIUM POWERED SINGLE FREQUENCY TRANSDUCERS** — about 20KHz. Conservatively rated and **not to be confused with the so-called surplus house deals** on these top quality pieces. Super sensitive for transmitting and receiving application.

SPECIAL 1-4, each	.....	\$ 7.50
SPECIAL 5-10, each	.....	\$ 5.50
SPECIAL 11-50, each	.....	\$ 4.00
SPECIAL 50 and over	.....	Write for further discounts

**TDH1 — HIGH POWERED PIEZO ELECTRIC ULTRASONIC ACOUSTICAL TRANSDUCERS** — capable of producing **shock waves** of energy from 10KHz to 30KHz. These devices are highly directional and can be used for many applications and experiments. Contains spec sheets.

SPECIAL 1-4 units, each	.....	\$12.00
SPECIAL 5-24 units, each	.....	\$ 9.50

1. Ultra high-powered ultrasonic source.
2. Infrasonic shock wave generators.

## NEW ITEMS AND IDEAS

**MMD1 — MAGNETIC DISORIENTATION DEVICE** — This all new concept is just now being investigated as a means of ridding areas of animal pests such as rodents, bats and bothersome insects. The basic theory is relatively simple in that orientation of many animals is via magnetic lines of force. Disrupt these and you confuse their life style. Increased high energy force fields are known to confuse humans. Battery or AC power device produces a variable rate pulsed high energy magnetic field capable of being used for research and development in disorientation studies. **CAUTION! CAUTION! THIS DEVICE HAS NOT BEEN EVALUATED AS TO POTENTIALLY DANGEROUS ADVERSE AFFECTS ON ANIMAL OR HUMANS. USE WITH DISCRETION AND ALWAYS MONITOR ANY CHANGE IN BEHAVIOR OR OTHER AFFECTS.**

MMD1	PLANS (SOLD FOR EDUCATION USE ONLY)	.....	\$10.00
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## COMBINATION PACKAGES

### PLANS FOR NOVELTY TYPE PROJECTS

Any one plan for \$4.00. any five for \$15.00 any ten for \$25.00.

- PYM1** How to Build **AMAZING PYRAMIDS** magical and mystical qualities???
- FS2** How to Build **FLYING SAUCERS** for less than one dollar.
- MS3** Mystifying **MAGIC SWITCH** great for the magician.
- DP5** **AMAZING BLOWGUN/DART POISON** (Not a novel type item.)
- SS2** Amazing powerful **SLINGS AND SLINGSHOTS**.
- SL5** Learn **SECRET LANGUAGE** overnight.
- GK5** **GIANT KITES**/escapements and winches, drop parachutes or other objects.
- BL5** **AMAZING BLACKLIGHT** — produces weird phenomenon of fluorescence.
- SYG1** **HOW TO MAKE SYNTHETIC GEMS**, similar to ruby, diamonds, etc.
- THG1** **TRANSMITTER HUNT GAME** — located hidden transmitter, great fun.
- EHS1** **ELECTRONIC HIDE & SEEK TREASURE HUNT** — hours of fun and entertainment.
- TT8** **ELECTRONIC TIC-TAC-TOE** — what more is there to say.
- EH1** **ELECTRONIC HYPNOTISM TECHNIQUES** — Great for parties.
- SG3** **ELECTRONIC SHOOTING GALLERY** for pistols/rifles.
- EF6** **ELECTRONIC FISHERMAN** — lure fish, easy to build.
- HEC1** **HOW TO ELECTRIFY YOUR CAR** — to shock thieves.
- TBC1** **TENNIS BALL CANNON** — Novel device propels tennis ball hundreds of yards.

### USEFUL HOUSE/OUTDOOR/ CAR PROJECTS

Any one for \$4.00. Any five for \$15.00. Any ten for \$25.00.

- CHT1** **HUMANE ANIMAL TRAP** — non-injurious; for capturing potential pets.
- WO1** **ELECTRONIC WORMER** — for bail sellers/users.
- ET2** Extended range **ELECTRONIC THERMOMETER**.
- IT2** **INSECT TRAPS** for science projects and infestation evaluation.
- DR1** Amazing **MIRACLE DOWSING ROD** like Grandpa used to use.
- CL5** **COLD LIGHT CHEMICAL LAMPS**.
- ULG1** **ULTRA-GRO LAMP** for plants; can produce bizarre effects.
- AP1** **ELECTRONIC AIR PURIFIER** gets rid of obnoxious odors, smoke, etc.
- ABD1** **ABDOMINAL BOARD** and exercise program for those big beer guts.
- SFL1** **SUPER FISH LURE**.
- TS1** **TARZAN SWING** and automatic release; great backyard amusement.
- PCL1** **PORTABLE FLUORESCENT CAMPER'S LIGHT**.
- AWM1** **UNDERWATER hydrophone/MICROPHONE** — makes an excellent pool alarm.
- AB3** **THIEF PROOF AUTO BURGLAR ALARM**.
- CD9** **CAPACITOR DISCHARGE IGNITION** for replacing those old Kettering systems.
- MCA3** **MOTORCYCLE BURGLAR ALARM** prevents unauthorized use.
- BS3** **ELECTRONIC BIKE SIREN** makes a lot of noise; irritate your neighbors.
- HD1** **AUTOMATIC HEADLIGHT DIMMERS** for those older cars.
- MSS1** **MOISTURE SWITCH** light level alarm, checking soil conditions.

### SCIENTIFIC/ELECTRONIC PACKAGES

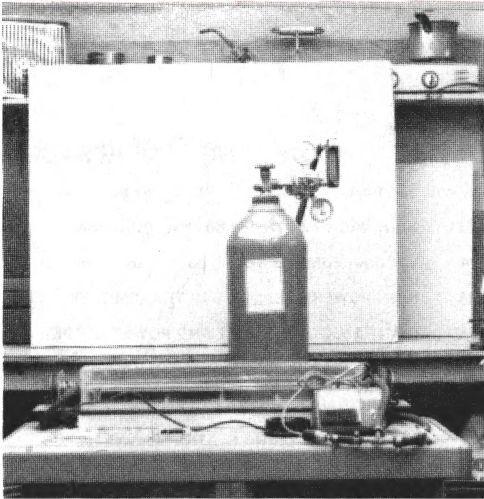
Any one plan for \$4.00. any five for \$15.00 any ten for \$25.00.

- HVS1** **HIGH VACUUM SYSTEM** down to .01 micron for lasers, accelerators.
- VP4** **VACUUM PUMP** no moving parts down to several torrs.
- SG4** **HIGH POWERED SPARK GAP TRANSMITTER** (illegal for communications).
- GEM1** **GIANT ELECTROMAGNET AND POWER SUPPLY** lifts hundreds of pounds.
- SX3** **SEISMOGRAPH** detects earthquakes, tremors, shockwaves from explosions.
- GLP2** **GERMICIDAL ULTRAVIOLET LAMP** for sterilizing-2537A.
- ST2** **SATELLITE TRACKING STATION** for weather of TV information.
- HR2** **HIGH ALTITUDE SOLID-STATE ROCKET** and payload.
- PAB1** **HOW TO CONSTRUCT PARABOLIC** shaped device for solar, radio, heat or sound.
- MB3** **HOW TO GROW BACTERIA** and fungi at home.
- PS7** **PROXIMITY** or touch-control switch.
- LD1** **LIE DETECTOR** psychogalvanic type.
- MSC1** **VARIABLE MOTOR SPEED SWITCH**.
- EN8** Touch tone **TELEPHONE ENCODER** for selective controlling of many devices.
- DN8** Touch tone **TELEPHONE ENCODER** for selective controlling of many devices.
- SM9** Volume and sound **LEVEL METER**.
- IDP3** **IR DETECTOR PROBE** for invisible lasers, etc.
- FL1** **MASTER FREQUENCY LIST** for worldwide and stateside coverage.
- RP2** Brief theory of **RADAR PRINCIPLES**.
- CBD3** Citizen Band Transmitter **DIRECTION FINDER**.
- PA1** Citizen Band **RECEPTION IMPROVER**.
- IRA5** **IR ACTIVATED ALARM SYSTEM**.
- PM5** **PRECIOUS METAL DETECTOR**.

### ENERGY PROJECTS

Any one for \$4.00. Any five for \$15.00. Any ten for \$25.00

- VT4** **VORTEX TUBE AIR-CONDITIONER/HEATER** uses compressed air, no moving parts.
- CP6** **CONVERTA-POWER** 115VDC 30/50 amp from automobile, welding, lighting, etc.
- PP5** **PORTA-POWER** 115 VAC 200 watt from 12-v battery.
- SMB3** **SCRAP METAL BATTERY** free electricity.
- FC1** Organic **FUEL CELLS**.
- SOB1** **SOLAR BATTERY** converts sunlight to electricity.
- MHD1** **MAGNETO-HYDRO DYNAMIC GENERATOR**.
- HG1** **HYDROGEN GAS** generating system — caution required. **EXPLOSION HAZARD**.
- MG1** **METHOGEN METHANE GAS** generating system.
- SF10** **SOLAR FURNACE** reflective type.
- RFS1** **SOLAR FURNACE** reflective type.
- ST10** **SOLAR THERM** hot water heater.
- ATM1** **AUTO/SUN TRACKING SYSTEM** for solar devices.
- TES1** **AUTO TEMP SENSOR** for solar devices.
- LAB1** **LEAD ACID BATTERY REJUVENATOR**.
- DCR2** **DRY CELL BATTERY RECHARGE**.
- DD2** Cold of hot **DRAFT DETECTOR**.
- THF2** **THERMOSTAT FUEL SAVING** device. This is a real effective method.
- KWP1** **1Kw WINDPOWERED ENERGY SOURCE**.
- WSL1** Electrical **WINDSPEED INDICATOR**.
- AW1** **OLD WOODEN WINDMILL** like Grandpa built.
- WG1** **WIND INFO** on High Speed **PROP**/Pressure/velocity, very valuable.
- GAS1** **Super GASOLINE Saving Device** hooks to car in minutes; saves considerably.

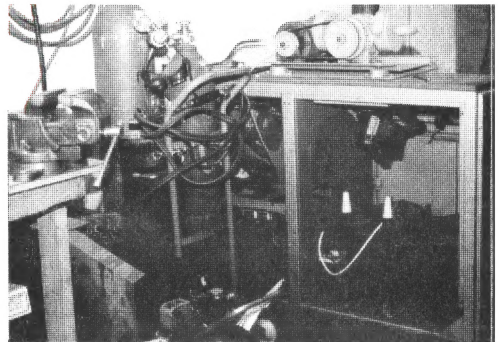
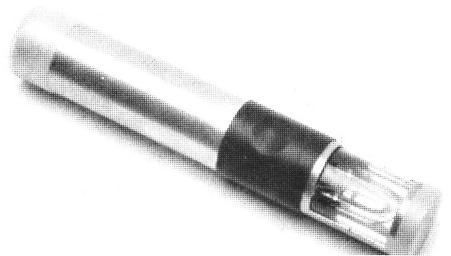
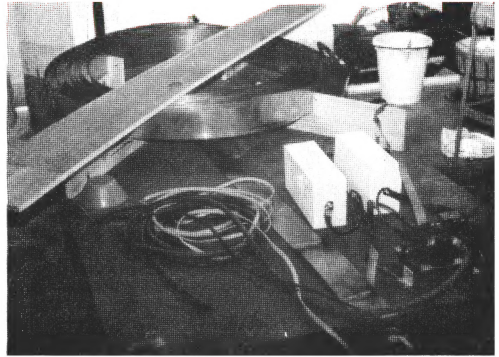


## FIREWORKS/PYROTECHNICS INFORMATION PACKS

**THE FOLLOWING INFORMATION IS POSITIVELY SOLD FOR EDUCATIONAL PURPOSES ONLY. DO NOT ATTEMPT THESE PROJECTS UNLESS TOTALLY FAMILIAR WITH ALL SAFETY PRECAUTIONS AND PROCEDURES REQUIRED. NOT FOR SALE TO MINORS. PYROTECHNICS IS DANGEROUS TO THE INEXPERIENCED.**

Any one plan for \$6.00. Any five for \$25.00. Any ten for \$40.00.

- FTF1 FLARE & TORCHES** — Many types and colors shown.
- RCF1 ROMAN CANDLES** — Popular display of brilliant colored balls shoot into the air.
- SRF1 SKY ROCKETS** — Popular multi-section display devices of the display type.
- PF1 PINWHEELS** — Several methods shown in constructing basic types.
- MF1 MINE** — Small paper guns shoot payloads into the air.
- STF1 STARS** — Multi-colored pellets produce brightly colored balls of fire.
- BF1 BOMBSHELLS** — Noisemaker fired via a mortar tube.
- FCF1 FLASH CRACKERS/CANNON CRACKER** — Powerful noisemakers.
- CBF1 CHERRY BOMBS** — Need we say more. May be illegal.
- TF1 TORPEDOES** — Popular little round balls explode on impact.
- WF1 WHISTLING FIREWORKS** — Like the ones seen at displays.
- SPF1 SPARKLERS** — Relatively safe popular display fireworks.
- BPF1 BLACK POWDER** — Popular powder used in muskets, cannons, etc.
- SMF1 SMOKES** — White in color, produce billowing clouds.
- BLPF1 BLASTING POWDER** — For stumps, boulders, more powerful than black powder. May be illegal.
- GMF1 GOVERNMENT MIXTURE** — Tear gas, smolder fire, cloud seeding, fuses, etc.
- IF1 INCENDIARY THERMITE** — Potent formula, tremendous heat.
- WTF1 WELDING THERMITE** — Handy mixture allows portable welding.
- BM2 BEER CAN MORTAR/CANNON** — for the black powder enthusiast. May be illegal.
- FP2 Amazing disappearing FLASHPAPER** — great for bookies and spies.
- FC2 FLASH COTTON** — disappears in an orange flash, great for ashtrays.
- WA2 WHISTLING/SMOKING, GLOWING ARROWS.**
- M80's ASHCANS, M80's and blockbusters** — most practical to make — best effect. May be illegal.



**DISI 1,000,000 CANDLE POWER DISABLER**

## USEFUL HOUSEHOLD CHEMICALS

Any one plan for \$3.00. Any five for \$10.00. Any ten for \$15.00.

- CC2 BUG AND INSECT ATTRACTANT** — Chemical and biological.
- PK5 PLANT AND TREE KILLER** — Herbicides and chemicals.
- SWC1 SUPER CAR WAXES.**
- UDO USEFUL SCULPTURER'S DOUGH.**
- SBL1 SUPER BLEACH.**
- INR1 INK & BALLPOINT PEN STAIN REMOVER.**
- SI3 SUPER INSECTICIDE. Shelled by government. It worked too good!**
- FPC2 SUPERIOR FABRIC FLAME PROOFER.**
- UCHL USEFUL MIRACLE CLEANER.**
- BRP1 BIRD REPELLER.**
- SUC1 SUPERIOR HOME CLEANER.**
- SFE1 SUPERIOR FIRE EXTINGUISHER.**
- ACT1 SUPERIOR ANT CONTROLLER.**
- STK1 SUPERIOR THERMITE KILLER.**
- SUF1 SUPERIOR FLEXIBLE CEMENT.**
- SUR1 SUPER RUST PREVENTIVE.**
- WG2 WORLD'S MOST POWERFUL GLUE.**
- CH1 MAKE YOUR OWN PERFUMES/OBNOXIOUS SCENTS.**
- SFZ1 SUPER FERTILIZER.**



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**SAVE TIME:****ORDER BY PHONE  
603-673-4730**

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**TERMS:** We accept cash, check, money order, Visa, MasterCard or COD. Foreign customers please use draft drawn in U.S. currency. Please contact us if you have any special instructions.

**FOREIGN ORDERS:** Please add 25% shipping on orders up to \$100.00. Excess shipping charges may be reimbursed via credit or cash refunds. Please contact us for larger order. Sorry, no COD's out of the U.S. **Canadian customers: Please remit in U.S. currency.**

**SHIPPING:** WITHIN THE U.S. Please add 10% on orders up to \$50.00. Orders totaling over \$50.00 require a maximum shipping of \$5.00 as we assume any additional cost over this amount except COD charges.

EXAMPLE A — Order is \$35.00. Therefore, freight is \$3.50 = totaling \$38.50.

EXAMPLE B — Order is \$65.00. Freight is only \$5.00 as we assume any extra.

**DISCOUNTS:** Ten percent is allowed on purchase of paper plans only when total plans order is \$25.00 or more. Further discounts are volume related and must be negotiated with the factory.

**TOTAL OF  
GOODS****DISCOUNT****SUBTOTAL****SHIPPING****TOTAL  
REMITTED****METHOD OF PAYMENT**

Please check one: ☐ Cash check  
☐ Money order  
☐ COD  
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INFORMATION UNLIMITED

Winter/Spring 1985

# the COMPLETE CATALOG of AMAZING and FASCINATING

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- Useful Home Items
- Night Vision

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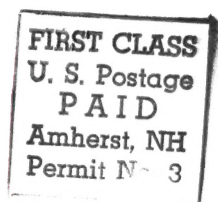
INFORMATION UNLIMITED

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Catalog No. 19

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